

Attorney Docket No. P 66680US0
Appln. No. 09/831,377

- 3 to 100 ppm of carbon,
- 2 to 500 ppm of vanadium,
- 2 to 500 ppm of silicon,
- 2 to 500 ppm of nickel, and
- a combination thereof,

and

d) the balance being zinc,

but containing

- less than 0.1% by weight of copper,
- less than 0.1% by weight of iron, and
- lead only as an unavoidable impurity.

3. The zinc alloy of claim 2 further containing

- 0.002 to 0.4% by weight of indium,
- 0.002 to 0.4% by weight of calcium,
- 0.05 to 0.8% by weight of manganese, or
- a combination thereof.

4. Structural zinc strips and plates prepared by casting and rolling the zinc alloy of claim 2.

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